

FIGURE 1

$$HO_3S$$
 NH_2
 $Diazotization$
 HO_3S
 NO_3S
 NO_3S

FIGURE 2A

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FIGURE 2B

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FIGURE 3

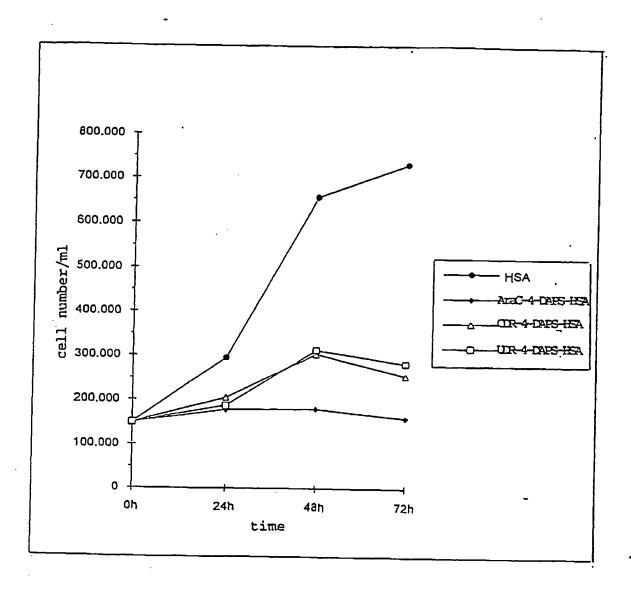


FIGURE 4

R HERE

R' =
$$SO_3H$$
 OR PO_3H_2 R' + ALBUMIN

HO TYROSINE

R' = SO_3H OR PO_3H_2 R' + ALBUMIN

HO TYROSINE

NH₂ DIAZOTIZATION HO₃S N_2^+

SULFANILIC ACID

NH₂ N_1 + N_2 N_2 SO₃H

HOCH₂ O N_1 + N_2 N_3 SO₃H

HOCH₂ O N_1 SO₃H

FIG. 2A

HO

OH

HOCH₂ OH FIG.
$$2B$$

HO₃S
$$\longrightarrow$$
 NH₂ $\xrightarrow{\text{DIAZOTIZATION}}$ HO₃S \longrightarrow N₂ $\stackrel{\text{R''}}{=}$ H OR C1 \longrightarrow N(CH₃)₂ \longrightarrow N(CH₃)₃ \longrightarrow N(CH₃)₄ \longrightarrow N(CH₃)₄

OH

OH

